Abstract of the Disclosure

Toner transfer in an imaging device having a developer roller (5) that applies toner to a photoconductive roller 7 is determined by counting pels (38) and by counting operating cycles (56). Additionally in the embodiment, various device factors ~~such as, for example,~~ including darkness setting and type of ~~toner,~~ toner are also applied to the totals. An adjustment factor, stored in a toner cartridge memory, is originally substantially one and may be adjusted based on subsequent knowledge or observations of the results. A page count of pages imaged is also used independently as a second basis for amount of toner transferred.